Index of Claims

Application/Control No.

10/691,890

Examiner

Katherine A. Bareford

Applicant(s)/Patent under Reexamination

URSCHELER ET AL.

**Art Unit** 

1762

| 1  | Rejected |
|----|----------|
| II | Allowed  |

| - | (Through numeral)<br>Cancelled | * 4m    |
|---|--------------------------------|---------|
| ÷ | Restricted                     | ٠<br>٠. |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Final Original wield | Ч                                   | - [      | Date                |             |          |   |              |     | Cla   | im       |                        |          |          | Г      | ate | _            |              |          |
|----------------------|-------------------------------------|----------|---------------------|-------------|----------|---|--------------|-----|-------|----------|------------------------|----------|----------|--------|-----|--------------|--------------|----------|
| Final                | 4                                   | 1 7      |                     |             |          | _ |              | , , |       |          | ₩                      |          |          |        |     | -            |              | _        |
| <sup>O</sup> &       | Y<br>25<br>36                       |          |                     |             |          |   |              |     | Final | Original | 7<br>25<br>06          |          |          |        |     |              |              |          |
| 1                    |                                     |          |                     |             |          |   |              |     |       | 51       | 7                      |          |          |        |     |              |              |          |
| 3                    |                                     |          |                     |             |          |   |              |     |       | 52       | 7                      |          |          |        |     |              |              | Γ        |
| 3                    |                                     |          |                     |             |          |   |              |     |       | 53       | $ \mathcal{L} $        |          |          |        |     |              |              | L        |
| 4                    | <b>V</b>                            |          |                     |             |          |   |              |     |       | 54       | Ш                      | $\perp$  |          |        |     |              |              | L        |
|                      | $\dashv$                            |          | Ш                   | _           |          |   |              |     |       | 55       | Ш                      | _        | _        |        |     |              | _            | L        |
| 6                    | $\forall \bot$                      |          | Ш                   | _           |          |   | _            |     |       | 56       | V                      | _        | _        |        |     |              |              | L        |
| 7                    | ++-+                                | -        | $\sqcup$            |             | _        |   | <u></u>      |     |       | 57       | $\vdash \vdash$        | -        | _        |        |     | _            | _            | L        |
| 8 9                  | +                                   | _        | $\vdash$            | $\dashv$    | _        |   | <u> </u>     |     |       | 58       |                        | $\dashv$ | $\dashv$ |        |     |              |              | ┞        |
| 10                   | 11-1                                |          | $\vdash$            | $\dashv$    | _        |   | H            |     |       | 59<br>60 | <del> Y  </del>        | $\dashv$ |          |        |     | _            | _            | ╀        |
| 11                   | ++-                                 | +        | $\vdash$            | $\dashv$    | -        | _ | -            |     |       | 61       | ₩                      | $\dashv$ |          | -      |     |              | -            | Ͱ        |
| 12                   | ++-+                                |          | $\vdash$            |             |          |   |              |     |       | 62       | $\vdash$               | -        | $\dashv$ |        |     | -            | $\vdash$     | H        |
| 13                   | ++                                  | +        | H                   | 一           | -        |   | -            | l   |       | 83       | Н                      | $\dashv$ | $\dashv$ | $\neg$ | _   | _            | $\vdash$     | H        |
| 14                   | +++                                 |          | $\vdash$            | 一           |          |   | $\vdash$     | l l |       | 64       | V                      | _        |          |        | _   | _            | H            | t        |
| 15                   |                                     |          | П                   | 一           |          |   |              | ll  |       | 65       | T                      | ヿ        | ╗        |        |     |              | Г            | T        |
| 16                   | $\Box$                              |          | П                   | $\neg$      |          |   |              | ΙÌ  |       | 66       | Ш                      | $\neg$   |          |        |     |              |              | Γ        |
| 17                   |                                     |          |                     |             |          |   |              |     |       | 67       | Ш                      |          |          |        |     |              |              | Γ        |
| 18                   |                                     |          |                     | $\Box$      |          |   |              |     |       | 68       |                        |          |          |        |     |              |              |          |
| 19                   | $\perp \downarrow \downarrow \perp$ |          | Ш                   |             |          |   |              |     |       | 69       | Ш                      | _        | _        |        |     |              |              | L        |
| 20                   | +                                   | _        | Ш                   | _           |          |   |              |     |       | 70       | Ш                      | _        | _        | _      |     |              | _            | L        |
| 21                   | +                                   |          | Ш                   | _           |          |   | _            |     |       | 71       | Ш                      | $\dashv$ | _        | _      |     |              | _            | L        |
| 22                   |                                     | _        | $\vdash$            |             |          | _ | ļ            |     |       | 72       | $\parallel \perp \mid$ | -        | _        | _      |     | _            | ┡            | L        |
|                      | V                                   | -        |                     | -           |          |   | <u> </u>     |     |       | 73<br>74 | ╟                      | -        | -        | _      |     |              |              | ┞        |
| 24<br>25             |                                     | +        | $\vdash$            |             |          | _ | <u> </u>     |     |       | 75       | ╢                      | $\dashv$ | $\dashv$ | _      |     |              | _            | ╀        |
| 26.                  | <del>`</del> /                      |          | $\vdash$            |             |          |   | $\vdash$     | H   |       | 76       | ╟┤                     | $\dashv$ | $\dashv$ |        |     |              | H            | H        |
| 27                   | <del>V  </del>                      |          | Н                   |             |          |   | $\vdash$     |     |       | 77       | H                      | $\dashv$ | $\dashv$ |        |     |              |              | H        |
| 28                   | N                                   | _        | Н                   | _           |          |   | $\vdash$     |     |       | 78       | H                      | $\dashv$ | $\dashv$ |        |     |              |              | H        |
|                      | N                                   |          | $\Box$              | _           | _        |   | $\vdash$     |     |       | 79       | Ш                      | _        |          |        |     | _            |              | t        |
| 30                   |                                     |          | П                   | 7           |          |   |              |     |       | 80       | 1                      |          |          |        |     |              |              | T        |
| 31                   |                                     |          |                     |             |          |   |              |     |       | 81       |                        |          |          |        |     |              |              |          |
| 32                   |                                     |          |                     |             |          |   |              | [   |       | 82       |                        |          |          |        |     |              |              |          |
| 33                   |                                     |          | Ш                   | _           |          |   |              |     |       | 83       |                        | _        |          |        |     |              |              | L        |
| 34                   | 44-4                                | $\dashv$ | Ш                   | _           | _        |   | <u> </u>     |     |       | 84       | Ш                      | _        | _        | _      |     | $oxed{oxed}$ | L_           | L        |
| 35                   | +                                   | _        | $\vdash \downarrow$ | _           |          |   |              |     |       | 85       | $\sqcup$               | $\dashv$ |          | _      |     | _            | <u> </u>     | L        |
| 36                   | ++-                                 | +        |                     |             |          | _ | _            |     |       | 86       | $\vdash \vdash$        | $\dashv$ | -        | _      |     | <u> </u>     | _            | ╀        |
| 37                   | +                                   |          | $\vdash \vdash$     | <del></del> | $\dashv$ | _ | <del> </del> |     |       | 87<br>88 | $\vdash$               | -        |          | -      | -   | H            | <u> </u>     | $\vdash$ |
| 39                   | ++-+                                |          | $\vdash$            |             | _        | - | $\vdash$     |     |       | 89       | $\vdash$               | -+       | -        | -      | -   | H            | Ι            | $\vdash$ |
| 40                   | ++-                                 | -        | $\vdash$            | -           |          |   | -            |     |       | 90       | $\vdash$               | $\dashv$ | $\dashv$ | -      | _   | $\vdash$     | <del> </del> | t        |
| 41                   |                                     | +        | $\vdash$            | -           | _        |   | $\vdash$     |     |       | 91       | Н                      | $\dashv$ | $\dashv$ |        |     | $\vdash$     | $\vdash$     | t        |
| 42                   | 11-1                                |          | $\Box$              | $\dashv$    | _        |   | H            |     |       | 92       | $\vdash$               | $\dashv$ | $\neg$   |        | _   | М            | _            | t        |
| 43                   |                                     |          | П                   | ┪           |          |   | $\vdash$     |     |       | 93       | П                      | _        |          |        |     |              |              | Γ        |
| 44                   |                                     |          |                     | _1          |          |   |              |     |       | 94       |                        |          |          |        |     |              |              | Γ        |
|                      | V                                   |          |                     |             |          |   |              |     |       | 95       |                        |          |          |        |     |              |              | L        |
| 46                   |                                     |          | Ш                   | $\Box$      |          |   |              | [   |       | 96       | $\Box$                 |          |          |        |     |              |              | Ĺ        |
|                      | <u> </u>                            |          | Ш                   |             |          |   | L_           |     |       | 97       | Ш                      | $\perp$  |          |        |     | _            | _            | L        |
| 48                   | 44                                  | $\perp$  | $\sqcup$            |             | _        |   | _            |     |       | 98       | Щ                      | _        | _        |        |     | <u> </u>     | L            | L        |
| 49                   | _ _                                 | $\perp$  | $\sqcup$            | _           | _        |   | L            |     |       | 99       | Щ                      |          | 4        | _      | _   | _            | _            | L        |
| 50                   | <b>√</b>                            |          | Ш                   |             |          |   | L            | l   |       | 100      | Ш                      | 1        |          |        |     | L            | L            | L        |

| <u> </u> | 41111                            | <u> </u>      |          |  |          | 2011     | <u>_</u> |  |          |          |
|----------|----------------------------------|---------------|----------|--|----------|----------|----------|--|----------|----------|
| Final    | Original                         | 4<br>25<br>06 |          |  |          |          |          |  |          |          |
| -        | 51                               | -1            |          |  | $\vdash$ | $\vdash$ | -        | —  | _        | _        |
|          | 50                               | 22            |          | -  | _        | _        |          |  |          |          |
|          | 52                               | 7             |          | _  |          | _        |          |  |          |          |
| L        | 53                               | V             |          |  |          |          |          | _  |          |          |
| L        | 54                               |               |          |  |          |          |          |  |          |          |
|          | 55                               |               |          |  |          |          |          |  |          |          |
|          | 51<br>52<br>53<br>54<br>55<br>56 | V             |          |  |          |          |          |  |          |          |
|          | 57*                              |               |          |  |          |          |          |  |          |          |
|          | 58<br>59                         |               |          | $\vdash$   |          |          |          | -  |          |          |
| -        | 59                               |               |          | $\vdash$   | _        | _        |          | _  | _        |          |
| -        | 60                               | Υ-            | -        |  | -        | -        | -        |  | _        | -        |
|          | 61                               | ₩             |          | $\vdash$   | -        | $\vdash$ |          | H  |          |          |
| -        | 01                               | -             | _        | -  | -        | _        | -        | -  | $\vdash$ |          |
|          | 62                               | <u> </u>      | <u> </u> | <u> </u>   | <u> </u> | $\vdash$ | _        | _  | ш        | _        |
| <u> </u> | 83                               | <b> </b>      | L        | L_   |          | L.       | L.       |  |          |          |
|          | 64                               | V             | _        | <u>_</u>   |          |          | _        | $ldsymbol{ld}}}}}}$ | لــــا   | L_       |
| L        | 65<br>66                         | Ш             | _        | _  |          |          |          |  |          |          |
|          | 66                               | Ш             |          |  |          |          |          |  |          |          |
|          | 67                               | Ш             |          |  |          |          |          |  |          |          |
|          | 68                               | Ш             |          |  |          |          |          |  |          |          |
|          | 68<br>69                         |               |          |  |          |          |          |  |          |          |
|          | 70                               | Ш             |          |  |          |          |          |  |          |          |
|          | 71                               |               |          |  |          |          |          |  |          |          |
|          | 72                               |               |          |  |          |          |          |  |          |          |
|          | 73                               |               |          |  |          |          |          |  |          |          |
|          | 74                               |               |          |  |          |          |          |  |          |          |
|          | 70<br>71<br>72<br>73<br>74<br>75 |               |          |  |          |          |          |  |          |          |
|          | 76<br>77                         |               |          |  |          |          |          |  |          |          |
|          | 77                               |               |          | L  |          |          |          |  |          | <u> </u> |
|          | 78<br>79                         | Ш             |          |  |          |          |          |  |          |          |
|          | 79                               |               |          |  |          |          |          |  |          |          |
|          | 80                               | V             |          |  |          |          |          |  |          |          |
|          | 81                               |               |          | Г  |          |          |          |  |          | Г        |
|          | 81<br>82                         |               |          |  |          |          |          |  |          |          |
|          | 83                               |               |          |  |          |          |          |  |          |          |
|          | 84                               |               |          | Π  | Г        |          | $\Box$   |  | $\Box$   |          |
|          | 84<br>85                         |               |          | Г  |          |          |          |  |          |          |
|          | 86                               | П             |          | Т  | Г        |          |          |  | $\vdash$ |          |
|          | 87                               |               |          | $\vdash$   | $\vdash$ |          | $\vdash$ |  | $\vdash$ | $\vdash$ |
| $\vdash$ | 88                               | П             | $\vdash$ | <del>                                     </del> | $\vdash$ |          | П        |  | М        | Г        |
|          | 89                               |               | <b>-</b> | <u> </u>   |          |          | Г        |  |          | $\vdash$ |
|          | 90                               | Т             |          | $\vdash$   | Т        | Т        |          |  | $\vdash$ | $\vdash$ |
|          | 91                               |               |          | $\vdash$   | Т        | Т        | $\vdash$ | Н  | $\vdash$ | ┢        |
|          | 92                               |               |          | _  |          |          | $\vdash$ |  | _        | $\vdash$ |
|          | 93                               |               |          |  |          |          | П        | П  | П        | $\vdash$ |
|          | 94                               |               |          |  |          |          |          |  |          | Г        |
|          | 95                               |               |          | Ι.   |          |          |          |  |          |          |
|          | 96                               |               |          |  |          |          |          |  |          |          |
|          | 97                               |               |          |  |          |          |          |  |          |          |
|          | 98                               |               |          |  |          |          |          |  |          |          |
|          | 99                               |               |          |  |          |          |          |  |          |          |
|          | 100                              | П             |          |  |          |          |          |  | $\Box$   |          |

|       |            | _                              |              |              |          |              |                                     |          | ı        |                 |  |  |
|-------|------------|--------------------------------|--------------|--------------|----------|--------------|-------------------------------------|----------|----------|-----------------|--|--|
| 01    |            | Date                           |              |              |          |              |                                     |          |          |                 |  |  |
| Ula   | aim        |                                |              |              | L        | Jale         | ;                                   |          |          | -               |  |  |
| Final | Original   |                                |              |              |          |              |                                     |          |          |                 |  |  |
|       | 101        | Г                              |              | -            | _        | _            |                                     |          |          | П               |  |  |
|       | 102        |                                |              |              |          |              |                                     |          |          | П               |  |  |
|       | 103        |                                |              |              |          |              |                                     |          |          | П               |  |  |
|       | 104        |                                |              |              |          |              |                                     |          |          |                 |  |  |
|       | 105        |                                |              |              |          |              |                                     |          |          |                 |  |  |
|       | 106        |                                |              |              |          |              |                                     |          |          |                 |  |  |
|       | 107        |                                |              |              |          |              |                                     |          |          | Ц               |  |  |
|       | 108        | ldash                          |              |              |          |              |                                     |          |          | Ц               |  |  |
|       | 109        | _                              |              | _            |          |              | _                                   |          |          | Ц               |  |  |
|       | 110        | L                              |              |              |          |              | _                                   | _        | $\vdash$ | Ш               |  |  |
|       | 111        |                                | -            | L            |          |              | H                                   | <u> </u> | H        | Н               |  |  |
|       | 112<br>113 | $\vdash$                       | <u> </u>     | H            | -        | _            |                                     | <u> </u> | Ι        | Н               |  |  |
|       | 113        | -                              | ۲.           | H            |          | H            |                                     | <u> </u> | H        | Н               |  |  |
|       | 115        | $\vdash$                       | _            | $\vdash$     | $\vdash$ | H            | $\vdash$                            | _        | $\vdash$ | Н               |  |  |
|       | 116        | $\vdash$                       | $\vdash$     | H            | H        | H            | $\vdash$                            | <u> </u> | H        | Н               |  |  |
|       | 117        | $\vdash$                       | $\vdash$     | H            | H        | H            | Н                                   | -        | $\vdash$ | Н               |  |  |
|       | 118        |                                | _            | ┢            | -        | -            | _                                   | _        | $\vdash$ | Н               |  |  |
|       | 119        |                                |              |              |          |              |                                     |          |          | П               |  |  |
|       | 120        |                                |              | Т            |          |              |                                     |          |          | П               |  |  |
|       | 121        | $\vdash$                       | Г            |              |          |              |                                     |          |          | $\Box$          |  |  |
|       | 122        |                                | Г            |              |          |              |                                     |          |          | П               |  |  |
|       | 122<br>123 | П                              |              |              |          |              |                                     |          |          |                 |  |  |
|       | 124        |                                |              |              |          |              |                                     |          |          |                 |  |  |
|       | 125<br>126 |                                |              |              |          |              |                                     |          |          |                 |  |  |
|       | 126        |                                |              |              |          |              |                                     | L        | L        | Ш               |  |  |
|       | 127        |                                |              | L            | _        |              |                                     | _        | L        | Ш               |  |  |
|       | 128<br>129 | ldash                          |              |              |          |              |                                     |          |          | Ц               |  |  |
|       | 129        | <u> </u>                       | <u> </u>     | ļ            |          | _            | _                                   | _        | <u> </u> | Н               |  |  |
|       | 130<br>131 | ⊢                              | <u> </u>     |              | <u> </u> | -            | -                                   | <u> </u> | -        | Н               |  |  |
|       | 131        | $\vdash$                       | $\vdash$     | ├            | ⊢        | $\vdash$     | H                                   | Η-       | $\vdash$ | Н               |  |  |
|       | 133        | $\vdash$                       | H            | ⊢            | H        | H            | ⊢                                   | $\vdash$ | $\vdash$ | $\vdash \vdash$ |  |  |
|       | 134        | $\vdash$                       | ┝            | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$                            | $\vdash$ | -        | $\vdash \vdash$ |  |  |
|       | 135        | Н                              | H            | Н            | ┢        | -            | -                                   | Ι        |          | Н               |  |  |
|       | 136        | Н                              | H            |              | -        | Н            | H                                   | $\vdash$ | $\vdash$ | $\vdash \vdash$ |  |  |
|       | 137        | ┢                              | Г            | $\vdash$     | Т        |              | П                                   | $\vdash$ | _        | H               |  |  |
|       | 138        | Г                              | Г            | Г            | Г        |              |                                     | Т        | Г        | Н               |  |  |
|       | 139        |                                |              |              |          |              |                                     |          |          | $\Box$          |  |  |
|       | 140        |                                |              |              |          |              |                                     |          |          |                 |  |  |
|       | 141        |                                |              |              |          |              |                                     |          |          |                 |  |  |
|       | 142        | $oxedsymbol{oxedsymbol{oxed}}$ |              |              | $\Box$   |              |                                     |          |          |                 |  |  |
|       | 143        | L                              | L            |              | L.       |              | لـــا                               | <u> </u> | $\Box$   | Ш               |  |  |
|       | 144        | _                              | L            | ᆫ            | L        | _            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L        | <u> </u> | Ш               |  |  |
|       | 145        | <u> </u>                       | $oxed{oxed}$ | $oxed{oxed}$ | <u> </u> | <u> </u>     | $\square$                           | L        | _        | Ш               |  |  |
|       | 146        | <u> </u>                       | <u> </u>     | <u> </u>     | L        | -            | H                                   | <u> </u> | <u> </u> | Щ               |  |  |
|       | 147        | <b> </b>                       | <u> </u>     | <u> </u>     | ļ        | <del> </del> | -                                   | <u> </u> |          | Н               |  |  |
|       | 148<br>149 | $\vdash$                       | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$                            | $\vdash$ | $\vdash$ | Н               |  |  |
|       | 150        | $\vdash$                       |              | $\vdash$     | <u> </u> |              | ├-                                  | ├-       | -        | $\vdash \vdash$ |  |  |
|       | 100        |                                |              |              |          |              | _                                   | ш        |          | ш               |  |  |